

1119-10CON-PCT-US.ST25  
 SEQUENCE LISTING

<110> The Rockefeller University  
 <120> Anti-MicroRNA Oligonucleotide Molecules  
 <130> 1119-10 CON/PCT/US  
 <140> unknown  
 <141> 2006-08-11  
 <150> US 10/845,057  
 <151> 2004-05-13  
 <150> PCT/US05/04714  
 <151> 2005-02-11  
 <150> US 10/778,908  
 <151> 2004-02-13  
 <160> 623  
 <170> PatentIn version 3.1  
 <210> 1  
 <211> 22  
 <212> RNA  
 <213> Homo sapiens  
 <400> 1  
 aacccguaga uccgaacuug ug 22  
 <210> 2  
 <211> 22  
 <212> RNA  
 <213> Homo sapiens  
 <400> 2  
 agcagcaug uacagggcua ug 22  
 <210> 3  
 <211> 22  
 <212> RNA  
 <213> Homo sapiens  
 <400> 3  
 ucaaaugcuc agacuccugu gg 22  
 <210> 4  
 <211> 22  
 <212> RNA  
 <213> Homo sapiens  
 <400> 4  
 aaaagugcuu acagugcagg ua 22  
 <210> 5  
 <211> 22  
 <212> RNA

<213> Homo sapiens

<400> 5

uaaagugcug acagugcaga ua

22

<210> 6

<211> 22

<212> RNA

<213> Homo sapiens

<400> 6

agcagcauug uacagggcua uc

22

<210> 7

<211> 22

<212> RNA

<213> Homo sapiens

<400> 7

uaccuguag aaccgaauuu gu

22

<210> 8

<211> 22

<212> RNA

<213> Homo sapiens

<400> 8

ucacagugaa ccggucucu uc

22

<210> 9

<211> 22

<212> RNA

<213> Homo sapiens

<400> 9

cagugcaaug augaaagggc au

22

<210> 10

<211> 22

<212> RNA

<213> Homo sapiens

<400> 10

uaccacaggg uagaaccacg ga

22

<210> 11

<211> 22

<212> RNA

<213> Homo sapiens

<400> 11

cccauaaagu agaaagcacu ac

22

<210> 12

<211> 22

<212> RNA

<213> Homo sapiens

<400> 12

ucgaggagcu cacagucuag ua

22

<210> 13

<211> 22

<212> RNA

<213> Homo sapiens

<400> 13

uuaaugcuaa ucgugauagg gg

22

<210> 14

<211> 22

<212> RNA

<213> Homo sapiens

<400> 14

aacauucaac gcugucggug ag

22

<210> 15

<211> 22

<212> RNA

<213> Homo sapiens

<400> 15

aacauucauu gcugucggug gg

22

<210> 16

<211> 22

<212> RNA

<213> Homo sapiens

<400> 16

aacauucaac cugucgguga gu

22

<210> 17

<211> 22

<212> RNA

<213> Homo sapiens

<400> 17

uuuggcaaug guagaacuca ca

22

<210> 18

<211> 22

<212> RNA

<213> Homo sapiens

<400> 18

uauaggcacug guagaauuca cu

22

<210> 19

<211> 22

<212> RNA

<213> Homo sapiens

<400> 19

uggacggaga acugauaagg gu

22

<210> 20

<211> 22

<212> RNA

<213> Homo sapiens

<400> 20

uggagagaaa ggcaguuccu ga

22

<210> 21

<211> 22

<212> RNA

<213> Homo sapiens

<400> 21

caaagaauuc uccuuuuggg cu

22

<210> 22

<211> 22

<212> RNA

<213> Homo sapiens

<400> 22

ucgugucuug uguugcagcc gg

22

<210> 23

<211> 22

<212> RNA

<213> Homo sapiens

<400> 23

cucccacaug caggguuugc ag

22

<210> 24

<211> 22

<212> RNA

<213> Homo sapiens

<400> 24

caucccuugc augguggagg gu

22

<210> 25

<211> 22

<212> RNA

<213> Homo sapiens

<400> 25

gugccuacug agcugauauc ag

22

<210> 26

<211> 22

<212> RNA

<213> Homo sapiens

<400> 26

ugauauguuu gauauauuag gu

22

<210> 27

<211> 22

<212> RNA

<213> Homo sapiens

<400> 27

caacggauc ccaaaagcag cu

22

<210> 28

<211> 22

<212> RNA

<213> Homo sapiens

<400> 28

cugaccuaug aaugacagc ca

22

<210> 29

<211> 22

<212> RNA

<213> Homo sapiens

<400> 29

aacuggccua caaaguccca gu

22

<210> 30

<211> 22

<212> RNA

<213> Homo sapiens

<400> 30

ugggucuug cgggcaagau ga

22

<210> 31

<211> 22

<212> RNA

<213> Homo sapiens

<400> 31

uguaacagca acuccaugug ga

22

<210> 32

<211> 22

<212> RNA

<213> Homo sapiens

<400> 32

uagcagcaca gaaauauugg ca

22

<210> 33

<211> 22

<212> RNA

<213> Homo sapiens

<400> 33

uagguaguuu cauguuguug gg

22

<210> 34

<211> 22

<212> RNA

<213> Homo sapiens

<400> 34

uuccaccacu ucuccaccca gc

22

<210> 35

<211> 22

<212> RNA

<213> Homo sapiens

<400> 35

gguccagagg ggagauaggu uc

22

<210> 36

<211> 22

<212> RNA

<213> Homo sapiens

<400> 36

acaguagucu gcacauuggu ua

22

<210> 37

<211> 22

<212> RNA

<213> Homo sapiens

<400> 37

cccaguguuc agacuaccug uu

22

<210> 38

<211> 22

<212> RNA

<213> Homo sapiens

<400> 38

cccaguguuu agacuaucug uu

22

<210> 39

<211> 22

<212> RNA

<213> Homo sapiens

<400> 39

uaacacuguc ugguaacgau gu

22

<210> 40

<211> 22

<212> RNA

<213> Homo sapiens

<400> 40

cucuaauacu gccugguaau ga

22

<210> 41

<211> 22

<212> RNA

<213> Homo sapiens

<400> 41

aaucugccg gguaaugaug ga

22

<210> 42

<211> 22

<212> RNA

<213> Homo sapiens

<400> 42

gugaaauguu uaggaccacu ag

22

<210> 43

<211> 22

<212> RNA

<213> Homo sapiens

<400> 43

uucccuuugu cauccaugc cu

22

<210> 44

<211> 22

<212> RNA

<213> Homo sapiens

<400> 44

uccuucauuc caccggaguc ug

22

<210> 45

<211> 22

<212> RNA

<213> Homo sapiens

<400> 45

uggaauguaa ggaagugugu gg

22

<210> 46

<211> 22

<212> RNA

<213> Homo sapiens

<400> 46

auaagacgag caaaaagcuu gu

22

<210> 47

<211> 22

<212> RNA

<213> Homo sapiens

<400> 47

cugugcgugu gacagcggcu ga

22

<210> 48

<211> 22

<212> RNA

<213> Homo sapiens

<400> 48

uucccuuugu cauccuucgc cu

22

<210> 49

<211> 22

<212> RNA

<213> Homo sapiens

<400> 49

uaacagucuc cagucacggc ca

22

<210> 50

<211> 22

<212> RNA

<213> Homo sapiens

<400> 50

accaucgacc guugauugua cc

22

<210> 51

<211> 22

<212> RNA

<213> Homo sapiens

<400> 51

acagcaggca cagacaggca gu

22

<210> 52

<211> 22

<212> RNA

<213> Homo sapiens

<400> 52

augaccuaug aaugacaga ca

22

<210> 53

<211> 22

<212> RNA

<213> Homo sapiens

<400> 53

uaaucucagc uggcaacugu ga

22

<210> 54

<211> 22

<212> RNA



<213> Homo sapiens

<400> 54

uacugcauca ggaacugauu gg

22

<210> 55

<211> 22

<212> RNA

<213> Homo sapiens

<400> 55

uugugcuuga ucuaaccaug ug

22

<210> 56

<211> 22

<212> RNA

<213> Homo sapiens

<400> 56

ugauugucca aacgcaauuc uu

22

<210> 57

<211> 22

<212> RNA

<213> Homo sapiens

<400> 57

ccacaccgua ucugacacuu ug

22

<210> 58

<211> 22

<212> RNA

<213> Homo sapiens

<400> 58

agcuacauug ucugcugggu uu

22

<210> 59

<211> 22

<212> RNA

<213> Homo sapiens

<400> 59

agcuacauuc ggcuacuggg uc

22

<210> 60

<211> 22

<212> RNA

<213> Homo sapiens

<400> 60

ugucaguug ucaaauaccc ca

22

<210> 61

<211> 22

<212> RNA

<213> Homo sapiens

<400> 61

caagucacua gugguuccgu uu

22

<210> 62

<211> 22

<212> RNA

<213> Homo sapiens

<400> 62

aaggagcuca cagucuauug ag

22

<210> 63

<211> 22

<212> RNA

<213> Homo sapiens

<400> 63

cucaaacugu gggggcacuu uc

22

<210> 64

<211> 22

<212> RNA

<213> Homo sapiens

<400> 64

agggccccc cucaauccug uu

22

<210> 65

<211> 22

<212> RNA

<213> Homo sapiens

<400> 65

ugguuuaccg ucccacauac au

22

<210> 66

<211> 22

<212> RNA

<213> Homo sapiens

<400> 66

cagugcaua guauugucaa ag

22

<210> 67

<211> 22

<212> RNA

<213> Homo sapiens

<400> 67

uaagugcuuc cauguuuugg ug

22

<210> 68

<211> 22

<212> RNA

<213> Homo sapiens

<400> 68

uguuaaacauc cuugacugga ag

22

<210> 69

<211> 22

<212> RNA

<213> Homo sapiens

<400> 69

aaaagcuggg uugagagggc ga

22

<210> 70

<211> 22

<212> RNA

<213> Homo sapiens

<400> 70

uaagccaggg auuguggguu cg

22

<210> 71

<211> 22

<212> RNA

<213> Homo sapiens

<400> 71

aaacaugaau ugcugcugua uc

22

<210> 72

<211> 22

<212> RNA

<213> Homo sapiens

<400> 72

gcacauuaca cggucgaccu cu

22

<210> 73

<211> 22

<212> RNA

<213> Homo sapiens

<400> 73

ccacugcccc aggugcugcu gg

22

<210> 74

<211> 22

<212> RNA

<213> Homo sapiens

<400> 74

cgcauccccu agggcauugg ug

22

<210> 75

<211> 22

<212> RNA

<213> Homo sapiens

<400> 75

ccucugggcc cuuccuccag cc

22

<210> 76

<211> 22

<212> RNA

<213> Homo sapiens

<400> 76

cuggcccucu cugcccuucc gu

22

<210> 77

<211> 22

<212> RNA

<213> Homo sapiens

<400> 77

aacacaccca gcuaaccuuu uu

22

<210> 78

<211> 22

<212> RNA

<213> Homo sapiens

<400> 78

uggcaguguc uuagcugguu gu

22

<210> 79

<211> 22

<212> RNA

<213> Homo sapiens

<400> 79

aggcaguguc auuagcugau ug

22

<210> 80

<211> 22

<212> RNA

<213> Homo sapiens

<400> 80

aggcagugua guuagcugau ug

22

<210> 81

<211> 22

<212> RNA

<213> Homo sapiens

<400> 81

uauugcacuu gucccggccu gu

22

<210> 82

<211> 22

<212> RNA

<213> Homo sapiens

<400> 82

aaagugcugu ucgugcaggu ag

22

<210> 83

<211> 22

<212> RNA

<213> Homo sapiens

<400> 83

uucaacgggu auuuauugag ca

22

<210> 84

<211> 22

<212> RNA

<213> Homo sapiens

<400> 84

uuuggcacua gcacauuuuu gc

22

<210> 85

<211> 22

<212> RNA

<213> Homo sapiens

<400> 85

ugagguagua aguuguauug uu

22

<210> 86

<211> 22

<212> RNA

<213> Mouse

<400> 86

caaagugcua acagugcagg ua

22

<210> 87

<211> 22

<212> RNA

<213> Mouse

<400> 87

cccuguagaa ccgaauuugu gu

22

<210> 88

<211> 22

<212> RNA

<213> Mouse

<400> 88

uauggcuuuu cauuccuaug ug

22

<210> 89

<211> 22

<212> RNA

<213> Mouse	
<400> 89	
ucagugcauc acagaacuuu gu	22
<210> 90	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 90	
cuagacugag gcuccuugag ga	22
<210> 91	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 91	
uuaaugcuaa uugugauagg gg	22
<210> 92	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 92	
cccaguguuu agacuaccug uu	22
<210> 93	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 93	
uaauacugcc ugguaaugau ga	22
<210> 94	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 94	
ugaaauguuu aggaccacua ga	22
<210> 95	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 95	
uucccuuugu cauccuuugc cu	22
<210> 96	
<211> 22	
<212> RNA	

<213> Mouse	
<400> 96	
uacugcauca ggaacugacu gg	22
<210> 97	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 97	
uaagucacua gugguuccgu uu	22
<210> 98	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 98	
cacuagauug ugagcugcug ga	22
<210> 99	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 99	
cucaaacuau gggggcacuu uu	22
<210> 100	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 100	
aaagugcuuc cacuuugugu gc	22
<210> 101	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 101	
caucaaagug gaggcccucu cu	22
<210> 102	
<211> 22	
<212> RNA	
<213> Mouse	
<400> 102	
aagugccgcc agguuuugag ug	22
<210> 103	
<211> 22	
<212> RNA	

<213> Mouse

<400> 103

acucaaacug ggggcucuuu ug

22

<210> 104

<211> 22

<212> RNA

<213> Mouse

<400> 104

agugccgcag aguuuguagu gu

22

<210> 105

<211> 22

<212> RNA

<213> Mouse

<400> 105

aaagugcuuc cccuuugugu gu

22

<210> 106

<211> 22

<212> RNA

<213> Mouse

<400> 106

aaagugcuac uacuuuugag uc

22

<210> 107

<211> 22

<212> RNA

<213> Mouse

<400> 107

auguaugugu gcaugugcau gu

22

<210> 108

<211> 22

<212> RNA

<213> Mouse

<400> 108

ggcagaggag ggcuguucuu cc

22

<210> 109

<211> 22

<212> RNA

<213> Mouse

<400> 109

uaugcaaggg caagcucucu uc

22

<210> 110

<211> 22

<212> RNA



<213> Mouse

<400> 110

aggcaagaug cuggcauagc ug

22

<210> 111

<211> 22

<212> RNA

<213> Mouse

<400> 111

aaacaugaag cgcugcaaca cc

22

<210> 112

<211> 22

<212> RNA

<213> Mouse

<400> 112

ccuaguaggu gcucaguaag ug

22

<210> 113

<211> 22

<212> RNA

<213> Mouse

<400> 113

ccucugggcc cuuccuccag uc

22

<210> 114

<211> 22

<212> RNA

<213> Mouse

<400> 114

gcaaagcaca gggccugcag ag

22

<210> 115

<211> 22

<212> RNA

<213> Mouse

<400> 115

gccccugggc cuauccuaga ac

22

<210> 116

<211> 22

<212> RNA

<213> Mouse

<400> 116

uucaguccu auaugaugcc uu

22

<210> 117

<211> 22

<212> RNA

<213> Mouse

<400> 117

uccagcauca gugauuuugu ug

22

<210> 118

<211> 22

<212> RNA

<213> Mouse

<400> 118

ucccuguccu ccaggagcuc ac

22

<210> 119

<211> 22

<212> RNA

<213> Mouse

<400> 119

uccgucucag uuacuuuaua gc

22

<210> 120

<211> 22

<212> RNA

<213> Mouse

<400> 120

ucgaucgguc ggucggucag uc

22

<210> 121

<211> 22

<212> RNA

<213> Mouse

<400> 121

ucucacacag aaaucgcacc cg

22

<210> 122

<211> 22

<212> RNA

<213> Mouse

<400> 122

ugaucuagcc aaagccugac ug

22

<210> 123

<211> 22

<212> RNA

<213> Mouse

<400> 123

ugcugacccc uaguccagug cu

22

<210> 124

<211> 22

<212> RNA

<213> Mouse

<400> 124  
ugucugcccg agugccugcc uc

22

<210> 125  
<211> 22  
<212> RNA  
<213> Mouse

<400> 125  
uaggcagugu aauuagcuga uu

22

<210> 126  
<211> 22  
<212> RNA  
<213> Mouse

<400> 126  
uucacaaagc ccuacacuu uc

22

<210> 127  
<211> 22  
<212> RNA  
<213> Mouse

<400> 127  
ucccugagga gcccuugag cc

22

<210> 128  
<211> 22  
<212> RNA  
<213> Mouse

<400> 128  
uggaagacuu gugauuuugu ug

22

<210> 129  
<211> 22  
<212> RNA  
<213> Mouse

<400> 129  
uauugcacuu gucccggccu ga

22

<210> 130  
<211> 22  
<212> RNA  
<213> Mouse

<400> 130  
caaagugcug uucgugcagg ua

22

<210> 131  
<211> 22  
<212> RNA

&lt;213&gt; Rat

&lt;400&gt; 131

ccuugagggg caugagggua gu

22

&lt;210&gt; 132

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Rat

&lt;400&gt; 132

guggugugcu aguuacuuuu gg

22

&lt;210&gt; 133

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Rat

&lt;400&gt; 133

ucaagagcaa uaacgaaaaa ug

22

&lt;210&gt; 134

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Rat

&lt;400&gt; 134

ucacccuucc auaucuaguc uc

22

&lt;210&gt; 135

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Rat

&lt;400&gt; 135

ucucccuuccg ugugcccagu au

22

&lt;210&gt; 136

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Rat

&lt;400&gt; 136

ugucccuug ggucgcccag cu

22

&lt;210&gt; 137

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Rat

&lt;400&gt; 137

cagcccugcu gucuuaaccu cu

22

&lt;210&gt; 138

&lt;211&gt; 22

&lt;212&gt; RNA

<213> Rat	
<400> 138	
agaguaguag guugcauagu ac	22
<210> 139	
<211> 22	
<212> RNA	
<213> Homo sapiens	
<400> 139	
uuaucagaau cuccaggggu ac	22
<210> 140	
<211> 22	
<212> RNA	
<213> Homo sapiens	
<400> 140	
aauccuugga accuaggugu ga	22
<210> 141	
<211> 22	
<212> RNA	
<213> Homo sapiens	
<400> 141	
auugcacggu auccaucugu aa	22
<210> 142	
<211> 22	
<212> RNA	
<213> Homo sapiens	
<400> 142	
cggcggggac ggcgauuggu cc	22
<210> 143	
<211> 22	
<212> RNA	
<213> Homo sapiens	
<400> 143	
uaaugcccu aaaaauccu au	22
<210> 144	
<211> 22	
<212> RNA	
<213> Homo sapiens	
<400> 144	
uaacugguug aacaacugaa cc	22
<210> 145	
<211> 22	
<212> RNA	

<213> Caenorhabditis elegans

<400> 145

ugagguagua gguuguauag uu

22

<210> 146

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 146

ucccugagac cucaagugug ag

22

<210> 147

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 147

uggaauguaa agaaguaugu ag

22

<210> 148

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 148

uauacacagcc agcuuugaug ug

22

<210> 149

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 149

aggcagugug guuagcuggu ug

22

<210> 150

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 150

ucaccgggug gaaacuagca gu

22

<210> 151

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 151

ucaccgggug aaaauucgca ug

22

<210> 152

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 152

ucaccgggug aacacuugca gu

22

<210> 153

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 153

ucaccgggag aaaaacugga gu

22

<210> 154

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 154

ucaccgggug uaaaucagcu ug

22

<210> 155

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 155

ucaccgggug uacaucagcu aa

22

<210> 156

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 156

ucaccgggug aaaaaucacc ua

22

<210> 157

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 157

caccggguua acaucuacag ag

22

<210> 158

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 158

uacacaguu uacuugcugu cg

22

<210> 159

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 159

ugacuagaga cacauucagc uu

22

<210> 160

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 160

ugacuagaga cacauucagc uu

22

<210> 161

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 161

ugucauggag ucgcucucuu ca

22

<210> 162

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 162

ugucauggag gcgcucucuu ca

22

<210> 163

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 163

ugagguaggc ucaguagaug cg

22

<210> 164

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 164

aagcaccacg agaagcugca ga

22

<210> 165

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 165

ugauaugucu gguauucuug gg

22

<210> 166

<211> 22

<212> RNA



<213> Caenorhabditis elegans

<400> 166

uacccguagc uccuauccau gu

22

<210> 167

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 167

cacccguaca uauguuuccg ug

22

<210> 168

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 168

cacccguaca uuuguuuccg ug

22

<210> 169

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 169

uacccguaau cuucauaauc cg

22

<210> 170

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 170

uacccguaua aguuucugcu ga

22

<210> 171

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 171

uacccguaau guuuccgcug ag

22

<210> 172

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 172

uacccguag aucgagcugu gu

22

<210> 173

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 173

ugagaucguu caguacggca au

22

<210> 174

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 174

ucgaaucguu uaucaggau au

22

<210> 175

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 175

uauuauagcac auuuucuagu uc

22

<210> 176

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 176

ugacuagaac cguuacucau cu

22

<210> 177

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 177

ugauauguaa ucuagcuuac ag

22

<210> 178

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 178

augacacuga agcgaguugg aa

22

<210> 179

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 179

uauagacacug aagcguuacc ga

22

<210> 180

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 180

uaugacacug aagcguaacc ga

22

<210> 181

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 181

caugacacug auuagggauug ug

22

<210> 182

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 182

ucacaaccuc cuagaaagag ua

22

<210> 183

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 183

ucgaagacuc aaaaguguag ac

22

<210> 184

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 184

ucgaaaauua aaaaguguag aa

22

<210> 185

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 185

uaauacgucg uugguguuuc ca

22

<210> 186

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 186

ugaaagacau gguagugaa cg

22

<210> 187

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 187

aggcaagaug uuggcauagc ug

22

<210> 188

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 188

uggcaagaug uaggcaguuc ag

22

<210> 189

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 189

uggcaagaaa uggcagucua ca

22

<210> 190

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 190

uuaaagcuac caaccggcuu ca

22

<210> 191

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 191

uucguuguug augaagccuu ga

22

<210> 192

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 192

uucaucaggc cauagcuguc ca

22

<210> 193

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 193

uggaggccug guuguuugug cu

22

<210> 194

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 194

auaaagcuag guuaccaaag cu

22

<210> 195

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 195

agcuuucgac augauucuga ac

22

<210> 196

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 196

ugagaucauu aguugaaagc cg

22

<210> 197

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 197

ugagaucauc gugaaagcua gu

22

<210> 198

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 198

ugagaucauc gugaaagcca gu

22

<210> 199

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 199

uagcaccaua uaaauucagu aa

22

<210> 200

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 200

ugagguagua uguaaauuug ua

22

<210> 201

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 201

uacaaaguau uugaaaaguc gu

22

<210> 202

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 202

uaagugaaug cuuugccaca gu

22

<210> 203

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 203

gugagcaaag uuucaggugu gc

22

<210> 204

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 204

ugauauguug uuugaaugcc cc

22

<210> 205

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 205

uaaggcacgc ggugaaugcc ac

22

<210> 206

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 206

aauggcacug caugaauuca cg

22

<210> 207

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 207

aaugacacug guuauuuuu cc

22

<210> 208

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 208

guauuaguug ugcgaccagg ag

22

<210> 209

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 209

uaagcucgug aucaacaggc ag

22

<210> 210

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 210

uaaaugcauc uuaacugcgg ug

22

<210> 211

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 211

uugagcaaug cgcaugugcg gg

22

<210> 212

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 212

uuauugcucg agaauacccu uu

22

<210> 213

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 213

uauugcacuc uccccggccu ga

22

<210> 214

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 214

uaauacuguc agguaaugac gc

22

<210> 215

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 215

ucccugagaa uucucgaaca gc

22

<210> 216

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 216

uuuguacucc gaugccauuc ag

22

<210> 217

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 217

uuuguacuac acauagguac ug

22

<210> 218

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 218

uuuguacuac acaaaaguac ug

22

<210> 219

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 219

uacuggcccc caaauucuucg cu

22

<210> 220

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 220

ugagguaggu gcgagaaaug ac

22

<210> 221

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 221

uugcguaggc cuuugcuucg ag

22

<210> 222

<211> 22

<212> RNA



<213> Caenorhabditis elegans

<400> 222

cgguacgauc gcggcgggau au

22

<210> 223

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 223

ucuuugguug uacaaagugg ua

22

<210> 224

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 224

auuggucccc uccaaguagc uc

22

<210> 225

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 225

uuacauguuu cgguuaggag cu

22

<210> 226

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 226

ugacuagagc cuauucucuu cu

22

<210> 227

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 227

uacacgugca cggauaacgc uc

22

<210> 228

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 228

ucacaggacu uuugagcguu gc

22

<210> 229

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 229

ucacagucaa cuguuggcau gg

22

<210> 230

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 230

uuaaguagug gugccgcucu ua

22

<210> 231

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 231

uaaguaguag ugccgcaggu aa

22

<210> 232

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 232

cacaccucac uaacacugac ca

22

<210> 233

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 233

ugcaaaucuu ucgcgacugu ag

22

<210> 234

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 234

uggaaugcau agaagacugu ac

22

<210> 235

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 235

gaguaucagg aguacccagu ga

22

<210> 236

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 236

gguuuugaga ggaauccuuu ua

22

<210> 237

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 237

aguaaaucuc auccuaaucu gg

22

<210> 238

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 238

gugaugucga acucuuguag ga

22

<210> 239

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 239

uagcuuuuua guuuucacgg ug

22

<210> 240

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 240

guuucucgau guuuucugau ac

22

<210> 241

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 241

ggcggguggu uguuguuaug gg

22

<210> 242

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 242

ugagggagga agggugguau uu

22

<210> 243

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 243

aggcaagacu uuggcaaagc uu

22

<210> 244

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 244

cccgugaagu gucugcugca au

22

<210> 245

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 245

ggcaagaauu agaagcaguu ug

22

<210> 246

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 246

ggcaagacuc uggcaaaacu ug

22

<210> 247

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 247

ggcaugaugu agcaguggag au

22

<210> 248

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 248

ucgccgggug ggaaagcauu cg

22

<210> 249

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 249

uguaggcaug gguguuugga ag

22

<210> 250

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 250

ugcccguacu gugucggcug cu

22

<210> 251

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 251

guuaauggca cuggaagaau uc

22

<210> 252

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 252

uggacggaga acugauaagg gc

22

<210> 253

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 253

uuuugugacc gacacuaacg gg

22

<210> 254

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 254

ucagguaccu gaaguagcgc gc

22

<210> 255

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 255

cauugcacuu gucccggccu au

22

<210> 256

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 256

ugauugucca aacgcaauuc uu

22

<210> 257

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 257

uaggaacuuc auaccgugcu cu

22

<210> 258

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 258

uaaaugcacu aucugguacg ac

22

<210> 259

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 259

ucggugggac uuucguccgu uu

22

<210> 260

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 260

uugguccccu ucaaccagcu gu

22

<210> 261

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 261

ugacuagauc cacacucauu aa

22

<210> 262

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 262

aggugcauug uagucgcauu gu

22

<210> 263

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 263

uguauuuacg uugcauuga aa

22

<210> 264

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 264

ugucauggaa uugcucucuu ug

22

<210> 265

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 265

aaucuagccu cuacuaggcu uu

22

<210> 266

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 266

uaaaauaucag cugguaauuc ug

22

<210> 267

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 267

ugaagucagc aacuugauuc ca

22

<210> 268

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 268

uggcagugug guuagcuggu ug

22

<210> 269

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 269

uaaggcacgc ggugaaugcc aa

22

<210> 270

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 270

uaaagcuaga uuaccaaagc au

22

<210> 271

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 271

uaggaacuua auaccgugcu cu

22

<210> 272

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 272

uugugcgugu gacagcggu au

22

<210> 273

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 273

uagcaccauu cgaaucagu gc

22

<210> 274

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 274

aacccguaaa uccgaacuug ug

22

<210> 275

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 275

aaugcacua gucccggccu gc

22

<210> 276

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 276

ugacuagacc gaacacucgu gc

22

<210> 277

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 277

uguguugaaa aucguuugca cg

22

<210> 278

<211> 22

<212> RNA



<213> Drosophila melanogaster

<400> 278

uugagcaaaa uuucaggugu gu

22

<210> 279

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 279

cuuggcacug ggagaauuca ca

22

<210> 280

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 280

uuucaugucg auuucauuuc au

22

<210> 281

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 281

uaaaauuuua aguggagccu gc

22

<210> 282

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 282

ugagaucauu uugaaagcug au

22

<210> 283

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 283

uuuagguuuc acaggaaacu gg

22

<210> 284

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 284

uggcaaug ucggaauagc ug

22

<210> 285

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 285

uaaucucaau uuguaaaugu ga

22

<210> 286

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 286

auuguacuuc aucaggugcu cu

22

<210> 287

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 287

ucuuugguau ucuagcugua ga

22

<210> 288

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 288

ucagguacuu agugacucuc aa

22

<210> 289

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 289

ucuuugguga uuuuagcugu au

22

<210> 290

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 290

ucccugagac ccuaacuugu ga

22

<210> 291

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 291

ucacaaccuc cuugagugag cg

22

<210> 292

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 292

aaucacagga uuauacugug ag

22

<210> 293

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 293

uggcaagaug ucggcauagc ug

22

<210> 294

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 294

gcacugggua aaguuugucc ua

22

<210> 295

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 295

uauugcacac uucccgccu uu

22

<210> 296

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 296

uauugcacau ucaccggccu ga

22

<210> 297

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 297

uauugcacuu gagacggccu ga

22

<210> 298

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 298

uauugcacuu uucacagccc ga

22

<210> 299

<211> 21

<212> RNA

<213> Drosophila melanogaster

<400> 299

uauucgagcc aaauaguucg g

21

<210> 300

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 300

uuuugauugu ugcucagaaa gc

22

<210> 301

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 301

ugucuuuuuc cgcuuacugg cg

22

<210> 302

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 302

ugaacacagc uggugguauca ca

22

<210> 303

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 303

ucacugggcu uuguuuauca ca

22

<210> 304

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 304

uauacagcc agcuuugaug gg

22

<210> 305

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 305

acguauacug aauguaucuu ga

22

<210> 306

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 306

cgguauaccu ucaguauacg ua

22

<210> 307

<211> 22

<212> RNA

<213> Artificial

<220>

<223> Anti-microRNA molecule

<400> 307

cacaaguucg gaucuacggg uu

22

<210> 308

<211> 22

<212> RNA

<213> Artificial

<220>

<223> Anti-microRNA molecule

<400> 308

cauagcccug uacaugcug cu

22

<210> 309

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 309

ccacaggagu cugagcauuu ga

22

<210> 310

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 310

uaccugcacu guaagcacuu uu

22

<210> 311

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 311

	1119-10CON-PCT-US.ST25	
uaucugcacu gucagcacuu ua		22
<210> 312		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 312		
gauagcccug uacaaugcug cu		22
<210> 313		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 313		
acaaauucgg uucuacaggg ua		22
<210> 314		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 314		
gaaagagacc gguucacugu ga		22
<210> 315		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 315		
augcccuuc aucauugcac ug		22
<210> 316		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 316		
uccgugguuc uaccugugg ua		22

<210> 317  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 317  
 guagugcuuu cuacuuuauug gg

22

<210> 318  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 318  
 uacuagacug ugagcuccuc ga

22

<210> 319  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 319  
 ccccuauacac gauuagcauu aa

22

<210> 320  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 320  
 cucaccgaca gcguugaaug uu

22

<210> 321  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 321  
 cccaccgaca gcaaugaaug uu

22

<210> 322  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 322

acucaccgac agguugaaug uu

22

<210> 323

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 323

ugugaguucu accauugcca aa

22

<210> 324

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 324

agugaauucu accagugcca ua

22

<210> 325

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 325

acccuauca guucuccguc ca

22

<210> 326

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 326

ucaggaacug ccuuucucuc ca

22

<210> 327

<211> 22

<212> RNA

<213> Artificial

<220>



<223> anti-microRNA molecule

<400> 327

agcccaaaag gagaauucuu ug

22

<210> 328

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 328

ccggcugcaa cacaagacac ga

22

<210> 329

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 329

cugcaaacc ugcauguggg ag

22

<210> 330

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 330

accuccacc augcaaggga ug

22

<210> 331

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 331

cugauaucag cucaguaggc ac

22

<210> 332

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 332

accuaauaua ucaaacauau ca

22

<210> 333  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 333  
 agcugcuuuu gggauuccgu ug

22

<210> 334  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 334  
 uggcugucaa uucauagguc ag

22

<210> 335  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 335  
 acugggacuu uguaggccag uu

22

<210> 336  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 336  
 ucaucuugcc cgcaaagacc ca

22

<210> 337  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 337  
 uccacaugga guugcuguua ca

22

<210> 338  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 338  
 ugccaauauu ucugugcugc ua

22

<210> 339  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 339  
 cccaacaaca ugaaacuacc ua

22

<210> 340  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 340  
 gcugggugga gaagguggug aa

22

<210> 341  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 341  
 gaaccuauu ccccucugga cc

22

<210> 342  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 342  
 uaaccaaugu gcagacuacu gu

22

<210> 343  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 343

aacagguagu cugaacacug gg

22

<210> 344

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 344

aacagauagu cuaaacacug gg

22

<210> 345

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 345

acaucguuac cagacagugu ua

22

<210> 346

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 346

ucauuaccag gcaguauuag ag

22

<210> 347

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 347

uccaucaua cccggcagua uu

22

<210> 348

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 348

cuaguggucc uaaacauuuc ac

22

<210> 349

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 349

aggcauagga ugacaaaggg aa

22

<210> 350

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 350

cagacuccgg uggaaugaag ga

22

<210> 351

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 351

ccacacacuu ccuacauuc ca

22

<210> 352

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 352

acaagcuuuu ugcucgucuu au

22

<210> 353

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 353

ucagccgcug ucacacgcac ag	1119-10CON-PCT-US.ST25	22	
<210> 354 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 354 aggcgaagga ugacaaaggg aa			22
<210> 355 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 355 uggccgugac uggagacugu ua			22
<210> 356 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 356 gguacaauca acggucgaug gu			22
<210> 357 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 357 acugccuguc ugugccugcu gu			22
<210> 358 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 358 ugucugucaa uucauagguc au			22

<210> 359  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 359  
 ucacaguugc cagcugagau ua

22

<210> 360  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 360  
 ccaaucaguu ccugaugcag ua

22

<210> 361  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 361  
 cacaugguua gaucaagcac aa

22

<210> 362  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 362  
 aagaauugcg uuuggacaau ca

22

<210> 363  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 363  
 caaaguguca gauacggugu gg

22

<210> 364  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 364

aaaccagca gacaauguag cu

22

<210> 365

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 365

gaccaguag ccagauguag cu

22

<210> 366

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 366

uggguauuu gacaaacuga ca

22

<210> 367

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 367

aaacggaacc acuagugacu ug

22

<210> 368

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 368

cucaauagac ugugagcucc uu

22

<210> 369

<211> 22

<212> RNA

<213> Artificial

<220>



<223> anti-microRNA molecule

<400> 369

gaaagugccc ccacaguuug ag

22

<210> 370

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 370

aacaggauug aggggggggcc cu

22

<210> 371

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 371

auguaugugg gacgguaaac ca

22

<210> 372

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 372

cuuugacaau acuauugcac ug

22

<210> 373

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 373

caccaaaaca uggaagcacu ua

22

<210> 374

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 374

cuuccaguca aggauguuuu ca

22

<210> 375  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 375  
 ucgcccucuc aacccagcuu uu

22

<210> 376  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 376  
 cgaaccaca aucccgguu ua

22

<210> 377  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 377  
 gauacagcag caaucaugu uu

22

<210> 378  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 378  
 agaggucgac cguguaaugu gc

22

<210> 379  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 379  
 ccagcagcac cuggggcagu gg

22

<210> 380  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 380  
 caccaaugcc cuaggggaug cg

22

<210> 381  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 381  
 ggcuggagga agggcccaga gg

22

<210> 382  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 382  
 acggaagggc agagagggcc ag

22

<210> 383  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 383  
 aaaaagguua gcugggugug uu

22

<210> 384  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 384  
 acaaccagcu aagacacugc ca

22

<210> 385  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 385

caaucagcua augacacugc cu

22

<210> 386

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 386

caaucagcua acuacacugc cu

22

<210> 387

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 387

acaggccggg acaagugcaa ua

22

<210> 388

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 388

cuaccugcac gaacagcacu uu

22

<210> 389

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 389

ugcucaauaa auacccguug aa

22

<210> 390

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 390

gcaaaaaugu gcuagugcca aa

22

<210> 391

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 391

aacaauacaa cuuacuaccu ca

22

<210> 392

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 392

uaccugcacu guuagcacuu ug

22

<210> 393

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 393

acacaaauuc gguucuacag gg

22

<210> 394

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 394

cacauaggaa ugaaaagcca ua

22

<210> 395

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 395

	1119-10CON-PCT-US.ST25	
acaaaguucu gugaugcacu ga		22
<210> 396		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 396		
uccucaagga gccucagucu ag		22
<210> 397		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 397		
ccccuaucaac aauuagcauu aa		22
<210> 398		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 398		
aacagguagu cuaaacacug gg		22
<210> 399		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 399		
ucaucauuac caggcaguau ua		22
<210> 400		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 400		
ucuagugguc cuaaacauuu ca		22

<210> 401  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 401  
 aggcaaagga ugacaaaggg aa

22

<210> 402  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 402  
 ccagucaguu ccugaugcag ua

22

<210> 403  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 403  
 aaacggaacc acuagugacu ua

22

<210> 404  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 404  
 uccagcagcu cacaaucuag ug

22

<210> 405  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 405  
 aaaagugccc ccuaguuug ag

22

<210> 406  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 406

gcacacaaag uggaagcacu uu

22

<210> 407

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 407

agagagggcc uccacuuuga ug

22

<210> 408

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 408

cacucaaaac cuggcggcac uu

22

<210> 409

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 409

caaaagagcc cccaguuuga gu

22

<210> 410

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 410

acacuacaaa cucugcggca cu

22

<210> 411

<211> 22

<212> RNA

<213> Artificial

<220>



<223> anti-microRNA molecule

<400> 411

acacacaaaa gggaagcacu uu

22

<210> 412

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 412

gacucaaaaag uaguagcacu uu

22

<210> 413

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 413

acaugcacau gcacacauac au

22

<210> 414

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 414

ggaagaacag cccuccucug cc

22

<210> 415

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 415

gaagagagcu ugcccuugca ua

22

<210> 416

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 416

cagcuaugcc agcaucuugc cu	1119-10CON-PCT-US.ST25	22	
<210> 417 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 417 gguguugcag cgcuucaugu uu			22
<210> 418 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 418 cacuuacuga gcaccuacua gg			22
<210> 419 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 419 gacuggagga agggcccaga gg			22
<210> 420 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 420 cucugcaggc ccugugcuuu gc			22
<210> 421 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 421 guucuaggau aggcccaggg gc			22

<210> 422  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 422  
 aaggcaucau auaggagcug aa

22

<210> 423  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 423  
 caacaaauc acugaugcug ga

22

<210> 424  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 424  
 gugagcuccu ggaggacagg ga

22

<210> 425  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 425  
 gcuauaaagu aacugagacg ga

22

<210> 426  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 426  
 gacugaccga ccgaccgauc ga

22

<210> 427  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 427

cgggugcgau uucuguguga ga

22

<210> 428

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 428

cagucaggcu uuggcuagau ca

22

<210> 429

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 429

agcacuggac uaggggucag ca

22

<210> 430

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 430

gaggcaggca cucgggcaga ca

22

<210> 431

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 431

aaucagcuaa uuacacugcc ua

22

<210> 432

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 432

gaaaguguau gggcuuugug aa

22

<210> 433

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 433

ggcucaaagg gcuccucagg ga

22

<210> 434

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 434

caacaaauc acaagucuuc ca

22

<210> 435

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 435

ucaggccggg acaagugcaa ua

22

<210> 436

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 436

uaccugcacg aacagcacuu ug

22

<210> 437

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 437

acuacccuca ugccccucaa gg

22

<210> 438  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 438  
 ccaaaaguua cuagcacacc ac

22

<210> 439  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 439  
 cauuuuucgu uauugcucuu ga

22

<210> 440  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 440  
 gagacuagau auggaaggggu ga

22

<210> 441  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 441  
 auacugggca cacggaggga ga

22

<210> 442  
 <211> 22  
 <212> RNA  
 <213> Artificial.

<220>  
 <223> anti-microRNA molecule

<400> 442  
 agcugggcga cccagaggga ca

22

<210> 443  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 443  
 agagguuaag acagcagggc ug 22

<210> 444  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 444  
 guacuaugca accuacuacu cu 22

<210> 445  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 445  
 guaccccugg agauucugau aa 22

<210> 446  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 446  
 ucacaccuag guuccaagga uu 22

<210> 447  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 447  
 uuacagaugg auaccgugca au 22

<210> 448  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 448

ggaccaaucg ccgucccccgc .cg

22

<210> 449

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 449

auaaggauuu uuaggggcau ua

22

<210> 450

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 450

gguucaguug uucaaccagu ua

22

<210> 451

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 451

aacuauacaa ccuacuaccu ca

22

<210> 452

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 452

cucacacuug aggucucagg ga

22

<210> 453

<211> 22

<212> RNA

<213> Artificial

<220>



<223> anti-microRNA molecule

<400> 453

cuacauacuu cuuuacauuc ca

22

<210> 454

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 454

cacaucaaag cuggcuguga ua

22

<210> 455

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 455

caaccagcua accacacugc cu

22

<210> 456

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 456

acugcuaguu uccacccggu ga

22

<210> 457

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 457

caugcgaauu uucacccggu ga

22

<210> 458

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 458

acugcaagug uucacccggu ga

22

<210> 459  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 459  
 acuccaguuu uucacccggu ga

22

<210> 460  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 460  
 caagcugauu uacacccggu ga

22

<210> 461  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 461  
 uuagcugaug uacacccggu ga

22

<210> 462  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 462  
 uaggugauuu uucacccggu ga

22

<210> 463  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 463  
 cucuguagau guuaacccgg ug

22

<210> 464  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 464  
 cgacagcaag uaaacuguga ua

22

<210> 465  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 465  
 aagcugaaug ugucucuagu ca

22

<210> 466  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 466  
 aagcugaaug ugucucuagu ca

22

<210> 467  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 467  
 ugaagagagc gacuccauga ca

22

<210> 468  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 468  
 ugaagagagc gccuccauga ca

22

<210> 469  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 469

cgcaucuacu gagccuaccu ca

22

<210> 470

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 470

ucugcagcuu cucguggugc uu

22

<210> 471

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 471

cccaagaaua ccagacauau ca

22

<210> 472

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 472

acauggauag gagcuacggg ua

22

<210> 473

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 473

cacggaaaca uauguacggg ug

22

<210> 474

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 474

cacggaaaca aauguacggg ug

22

<210> 475

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 475

cggauuauga agauuacggg ua

22

<210> 476

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 476

ucagcagaaa cuuauacggg ua

22

<210> 477

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 477

cucagcggaa acauuacggg ua

22

<210> 478

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 478

acacagcucg aucuacaggg ua

22

<210> 479

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 479

	1119-10CON-PCT-US.ST25	
auugccguac ugaacgaucu ca		22
<210> 480		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 480		
aucauccuga uaaacgauuc ga		22
<210> 481		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 481		
gaacuagaaa augugcauaa ua		22
<210> 482		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 482		
agaugaguaa cgguucuagu ca		22
<210> 483		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 483		
cuguaagcua gauuacauau ca		22
<210> 484		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 484		
uuccaacucg cuucaguguc au		22

<210> 485  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 485  
 ucgguaacgc uucaguguca ua 22

<210> 486  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 486  
 ucgguuacgc uucaguguca ua 22

<210> 487  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 487  
 cacaucccua aucaguguca ug 22

<210> 488  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 488  
 uacucuuccu aggagguugu ga 22

<210> 489  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 489  
 gucuacacuu uugagucuuc ga 22

<210> 490  
 <211> 22  
 <212> RNA

1119-10CON-PCT-US.ST25

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; anti-microRNA molecule

&lt;400&gt; 490

uucuacacuu uuuaauuuuc ga

22

&lt;210&gt; 491

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; anti-microRNA molecule

&lt;400&gt; 491

uggaaacacc aacgacguau ua

22

&lt;210&gt; 492

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; anti-microRNA molecule

&lt;400&gt; 492

cguucacuuac ccaugucuuu ca

22

&lt;210&gt; 493

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; anti-microRNA molecule

&lt;400&gt; 493

cagcuaugcc aacauuugc cu

22

&lt;210&gt; 494

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; anti-microRNA molecule

&lt;400&gt; 494

cugaacugcc uacauuugc ca

22

&lt;210&gt; 495

&lt;211&gt; 22

&lt;212&gt; RNA

&lt;213&gt; Artificial

&lt;220&gt;



<223> anti-microRNA molecule

<400> 495

uguagacugc cauuucuugc ca

22

<210> 496

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 496

ugaagccggg uggugacuuu aa

22

<210> 497

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 497

ucaaggcuuc aucaacaacg aa

22

<210> 498

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 498

uggacagcua uggccugaug aa

22

<210> 499

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 499

agcacaaca accaggccuc ca

22

<210> 500

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 500

agcuuuggua accuagcuuu au

22

<210> 501  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 501  
 guucagaauc augucgaaag cu

22

<210> 502  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 502  
 cggcuuucua cuaaugaucu ca

22

<210> 503  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 503  
 acuagcuuuc acgaugaucu ca

22

<210> 504  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 504  
 acuggcuuuc acgaugaucu ca

22

<210> 505  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 505  
 uuacugaauu uauauggugc ua

22

<210> 506  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 506  
 uacaauauua cauacuaccu ca

22

<210> 507  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 507  
 acgacuuuuc aaauacuuug ua

22

<210> 508  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 508  
 acuguggcaa agcauucacu ua

22

<210> 509  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 509  
 gcacaccuga aacuuugcuc ac

22

<210> 510  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 510  
 ggggcauuca aacaacauau ca

22

<210> 511  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 511

guggcauuc cgcgugccu ua

22

<210> 512

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 512

cgugaauuc ugcagugcca uu

22

<210> 513

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 513

ggaaaagau accagugca uu

22

<210> 514

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 514

cuccugucg cacaacuaau ac

22

<210> 515

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 515

cugccuguug aucacgagcu ua

22

<210> 516

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 516

caccgcaguu aagaugcauu ua

22

<210> 517

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 517

cccgcacaug cgcauugcuc aa

22

<210> 518

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 518

aaagguauu cucgagcaau aa

22

<210> 519

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 519

ucaggccggg gagagugcaa ua

22

<210> 520

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 520

gcgucauuac cugacaguau ua

22

<210> 521

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 521

gcuguucgag aauucucagg ga

22

<210> 522  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 522  
 cugaauggca ucggaguaca aa

22

<210> 523  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 523  
 caguaccuau guguaguaca aa

22

<210> 524  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 524  
 caguacuuuu guguaguaca aa

22

<210> 525  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 525  
 agcgaagauu ugggggccag ua

22

<210> 526  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 526  
 gucauuucuc gcaccuaccu ca

22

<210> 527  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 527  
 cucgaagcaa aggccuacgc aa

22

<210> 528  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 528  
 auaucccgcc gcgaucguac cg

22

<210> 529  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 529  
 uaccacuuug uacaaccaaa ga

22

<210> 530  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 530  
 gagcuacuug gaggggacca au

22

<210> 531  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 531  
 agcuccuacc cgaaacaugu aa

22

<210> 532  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 532

agaagagaau aggcucuagu ca

22

<210> 533

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 533

gagcguuau cuggcacgug ua

22

<210> 534

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 534

gcaacgcuca aaaguccugu ga

22

<210> 535

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 535

ccaugccaac aguugacugu ga

22

<210> 536

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 536

uaagagcggc accacuacuu aa

22

<210> 537

<211> 22

<212> RNA

<213> Artificial

<220>



<223> anti-microRNA molecule

<400> 537

uuaccugcgg cacuacuacu ua

22

<210> 538

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 538

uggucagugu uagugaggug ug

22

<210> 539

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 539

cuacagucgc gaaagauuug ca

22

<210> 540

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 540

guacagucuu cuaugcauuc ca

22

<210> 541

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 541

ucacugggua cuccugauac uc

22

<210> 542

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 542

uaaaaggauu ccucucaaaa cc	1119-10CON-PCT-US.ST25	22	
<210> 543 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 543 ccagauuagg augagauuua cu			22
<210> 544 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 544 uccuacaaga guucgacauc ac			22
<210> 545 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 545 caccgugaaa acuaaaaagc ua			22
<210> 546 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 546 guaucagaaa acaucgagaa ac			22
<210> 547 <211> 22 <212> RNA <213> Artificial  <220> <223> anti-microRNA molecule  <400> 547 cccauaacaa caaccacccg cc			22

<210> 548  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 548  
 aaauaccacc cuuccucccu ca

22

<210> 549  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 549  
 aagcuuugcc aaagucuugc cu

22

<210> 550  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 550  
 auugcagcag acacuucacg gg

22

<210> 551  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 551  
 caaacugcuu cuaauucuug cc

22

<210> 552  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 552  
 caaguuuugc cagagucuug cc

22

<210> 553  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 553

aucuccacug cuacaucaug cc

22

<210> 554

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 554

cgaaugcuuu cccacccggc ga

22

<210> 555

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 555

cuuccaaaca cccaugccua ca

22

<210> 556

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 556

agcagccgac acaguacggg ca

22

<210> 557

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 557

gaauucuucc agugccauua ac

22

<210> 558

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 558

gcccuaauca guucuccguc ca

22

<210> 559

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 559

cccguuagug ucggucacaa aa

22

<210> 560

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 560

gcgcgcuacu ucagguaccu ga

22

<210> 561

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 561

auaggccggg acaagugcaa ug

22

<210> 562

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 562

aagaauugcg uuuggacaau ca

22

<210> 563

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 563

	1119-10CON-PCT-US.ST25	
agagcacggu augaaguucc ua		22
<210> 564		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 564		
gucguaccag auagugcauu ua		22
<210> 565		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 565		
aaacggacga aagucccacc ga		22
<210> 566		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 566		
acagcugguu gaaggggacc aa		22
<210> 567		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 567		
uuaaugagug uggaucuagu ca		22
<210> 568		
<211> 22		
<212> RNA		
<213> Artificial		
<220>		
<223> anti-microRNA molecule		
<400> 568		
acaaugcgac uacaugcac cu		22

<210> 569  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 569  
 uuucauauugc aacguaaaaua ca

22

<210> 570  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 570  
 caaagagagc aauuccauga ca

22

<210> 571  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 571  
 aaagccuagu agaggcuaga uu

22

<210> 572  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 572  
 cagaauuacc agcugauauu ua

22

<210> 573  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 573  
 uggaaucaag uugcugacuu ca

22

<210> 574  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 574

caaccagcua accacacugc ca

22

<210> 575

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 575

uuggcauuc cgcgugccu ua

22

<210> 576

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 576

augcuuuggu aaucuaagcuu ua

22

<210> 577

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 577

agagcacggu auuaaguucc ua

22

<210> 578

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 578

auagccgcug ucacacgcac aa

22

<210> 579

<211> 22

<212> RNA

<213> Artificial

<220>



<223> anti-microRNA molecule

<400> 579

gcacugauuu cgauggugc ua

22

<210> 580

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 580

cacaaguucg gauuuacggg uu

22

<210> 581

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 581

gcaggccggg acuagugcaa uu

22

<210> 582

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 582

gcacgagugu ucggucuagu ca

22

<210> 583

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 583

cgugcaaacg auuuucaaca ca

22

<210> 584

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 584

acacaccuga aauuuugcuc aa

22

<210> 585  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 585  
 ugugaauucu cccagugcca ag

22

<210> 586  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 586  
 augaaaugaa aucgacuga aa

22

<210> 587  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 587  
 gcaggcucca cuuaauuu ua

22

<210> 588  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 588  
 aucagcuuc aaaaugaucu ca

22

<210> 589  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 589  
 ccaguuuccu gugaaaccua aa

22

<210> 590  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 590  
 cagcuauucc gacauuugc ca 22

<210> 591  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 591  
 ucacauuuac aaauugagau ua 22

<210> 592  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 592  
 agagcaccug augaaguaca au 22

<210> 593  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 593  
 ucuacagcua gaauaccaaa ga 22

<210> 594  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 594  
 uugagaguca cuaaguaccu ga 22

<210> 595  
 <211> 22  
 <212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 595

auacagcuaa aaucaccaaa ga

22

<210> 596

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 596

ucacaaguua gggucucagg ga

22

<210> 597

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 597

cgcucacuca aggagguugu ga

22

<210> 598

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 598

cucacaguau aauccuguga uu

22

<210> 599

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 599

cagcuaugcc gacauugc ca

22

<210> 600

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 600

uaggacaaac uuuacccagu gc

22

<210> 601

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 601

aaaggccggg aagugugcaa ua

22

<210> 602

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 602

ucaggccggg gaaugugcaa ua

22

<210> 603

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 603

ucaggccguc ucaagugcaa ua

22

<210> 604

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 604

ucgggcugug aaaagugcaa ua

22

<210> 605

<211> 21

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 605

ccgaacuuau uggcucgaau a

21

<210> 606  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 606  
 gcuuucugag caacaaucaa aa

22

<210> 607  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 607  
 cgccaguaag cggaaaaaga ca

22

<210> 608  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 608  
 uggauaccac cagcuguguu ca

22

<210> 609  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 609  
 ugagauaaac aaagcccagu ga

22

<210> 610  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 610  
 cccaucuaag cuggcuguga ua

22

<210> 611  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 611  
 ucaggauaca uucaguauac gu 22

<210> 612  
 <211> 22  
 <212> RNA  
 <213> Artificial

<220>  
 <223> anti-microRNA molecule

<400> 612  
 uacguauacu gaagguauac cg 22

<210> 613  
 <211> 23  
 <212> RNA  
 <213> Artificial

<220>  
 <223> 2'-O-methyl microRNA molecule

<220>  
 <221> misc\_structure  
 <222> (23)..(23)  
 <223> 3' aminolinker attached to the a nucleotide at position 23

<400> 613  
 gucaacauca gucugauaag cua 23

<210> 614  
 <211> 21  
 <212> RNA  
 <213> Artificial

<220>  
 <223> 2'-O-methyl antisense molecule

<220>  
 <221> misc\_structure  
 <222> (21)..(21)  
 <223> 3' aminolinker attached to the u nucleotide at position 21

<400> 614  
 aaggcaagcu gaccugaag u 21

<210> 615  
 <211> 21  
 <212> RNA

<213> Artificial

<220>

<223> 2' O- methyl reverse sequeunce

<220>

<221> misc\_structure

<222> (21)..(21)

<223> 3' aminolinker attached to the a nucleotide at position 21

<400> 615

ugaaguccca gucgaacgga a

21

<210> 616

<211> 26

<212> DNA

<213> Artificial

<220>

<223> 2'-deoxy microRNA molecule

<220>

<221> misc\_structure

<222> (26)..(26)

<223> 3' aminolinker attached to the g nucleotide at position 26

<400> 616

gtcaacatca gtctgataag ctagcg

26

<210> 617

<211> 24

<212> DNA

<213> Artificial

<220>

<223> 2'-deoxy antisense molecule

<220>

<221> misc\_structure

<222> (24)..(24)

<223> 3' aminolinker attached to the g nucleotide at position 24

<400> 617

aaggcaagct gaccctgaag tgcg

24

<210> 618

<211> 88

<212> DNA

<213> Artificial

<220>

<223> primer

<400> 618

gaacaattgc ttttacagat gcacatatcg aggtgaacat cacgtacgtc aacatcagtc

60

tgataagcta tcggttgga gaagctat

88



<210> 619  
 <211> 90  
 <212> DNA  
 <213> Artificial

<220>  
 <223> primer

<400> 619  
 ggcataaaga attgaagaga gttttcactg catacgacga ttctgtgatt tgtattcagc 60  
 ccatatcggt tcatagcttc tgccaaccga 90

<210> 620  
 <211> 35  
 <212> DNA  
 <213> Artificial

<220>  
 <223> primer

<400> 620  
 taatacgact cactatagaa caattgcttt tacag 35

<210> 621  
 <211> 35  
 <212> DNA  
 <213> Artificial

<220>  
 <223> primer

<400> 621  
 atttaggtga cactataggc ataaagaatt gaaga 35

<210> 622  
 <211> 33  
 <212> DNA  
 <213> Artificial

<220>  
 <223> synthetic oligonucleotide molecule

<400> 622  
 ggctcaaca tcagtctgat aagctaggta cct 33

<210> 623  
 <211> 33  
 <212> DNA  
 <213> Artificial

<220>  
 <223> synthetic oligonucleotide molecule

<400> 623  
 ggccaggtac ctagcttatc agactgatgt tga 33

1119-10CON-PCT-US.ST25